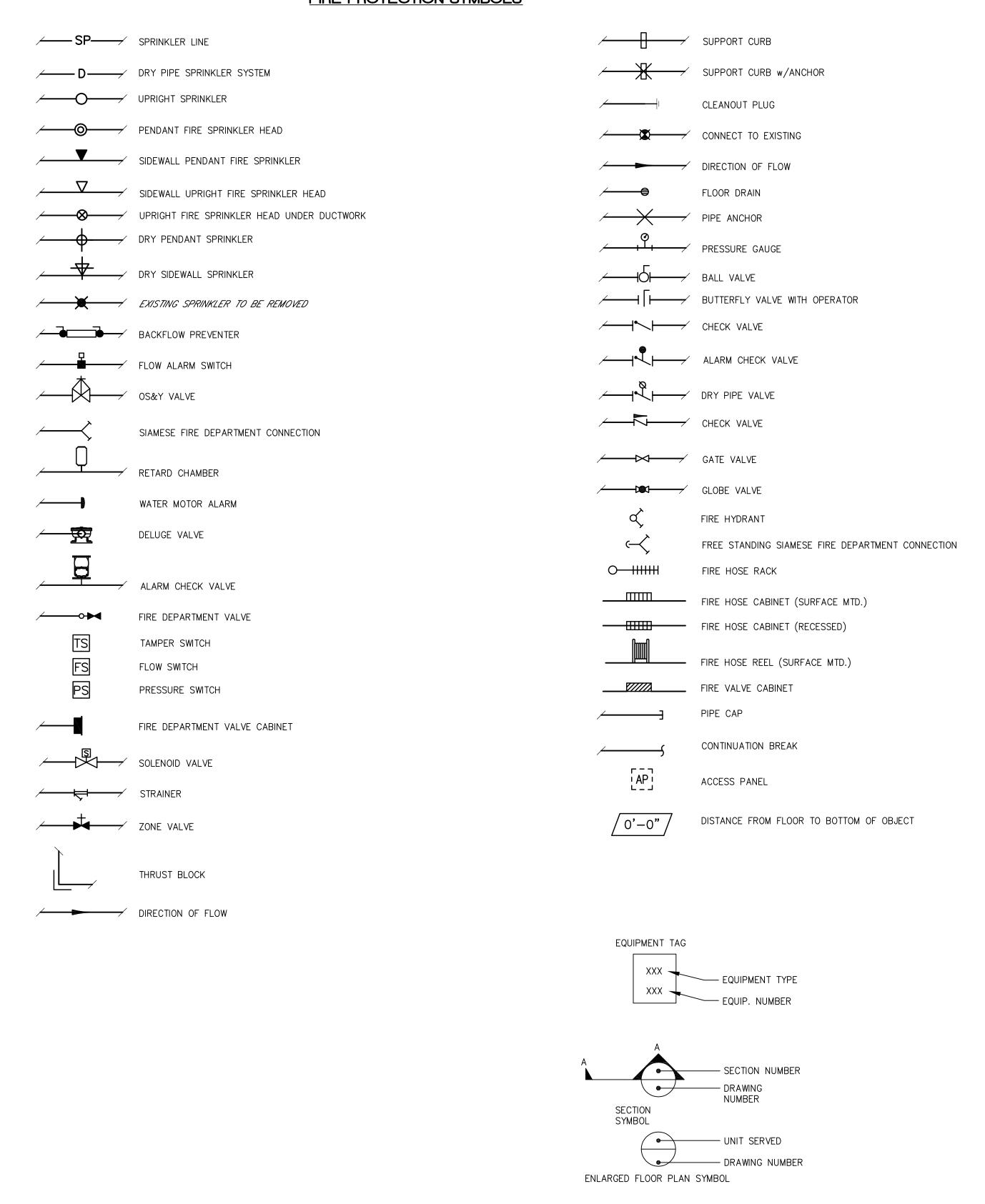
## FIRE PROTECTION SYMBOLS



## FIRE PROTECTION ABBREVIATIONS

## FIRE PROTECTION NOTES:

- FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE ORDERING EQUIPMENT OR FABRICATING COMPONENTS.
   UNLESS NOTED OTHERWISE, CONSTRUCTION MATERIAL AND EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OFF THE SITE.
- 3. INSTALL ALL EQUIPMENT AND MATERIALS IN STRICT ACCORDANCE WITH RESPECTIVE MANUFACTURER'S WRITTEN INSTRUCTIONS.
- INSTRUCTIONS.

  4. COORDINATE WORK WITH EXISTING STRUCTURAL AND ARCHITECTURAL FEATURES AND PROVIDE OFFSETS AND FITTINGS AS
- REQUIRED. WHERE POSSIBLE, ROUTE NEW PIPING AS HIGH AS POSSIBLE ABOVE BOTTOM CHORD OF JOIST.
  5. COORDINATE WORK WITH ALL OTHER TRADES.
  6. ALL DIMENSIONS AND PIPE SIZES ARE IN INCHES UNLESS NOTED OTHERWISE.
- 7. RUN CONCEALED PIPING, EXCEPT IN MECHANICAL ROOMS OR WHERE NOTED OTHERWISE, ON ROOM SIDE OF BUILDING INSULATION UNLESS NOTED OTHERWISE. COORDINATE WORK WITH STRUCTURAL, ARCHITECTURAL, MECHANICAL AND
- ELECTRICAL FEATURES AND PROVIDE OFFSETS AND FITTINGS AS REQUIRED.

  8. PROVIDE ACCESS PANELS WHERE REQUIRED FOR ALL CONCEALED VALVES AND EQUIPMENT WHERE NO OTHER ACCESS IS
- PROVIDED. INSTALL ACCESS PANELS IN FIRE RATED CONSTRUCTION TO MAINTAIN RATING.

  9. PATCH ALL OPENINGS IN BUILDING CONSTRUCTION WHERE PIPING IS REMOVED OR OPENINGS ARE MADE FOR ACCESS.
- PATCHING SHALL BE SAME MATERIAL AS THE SURROUNDING CONSTRUCTION. FINISH TO MATCH EXISTING.

  10. WHERE EQUIPMENT, PIPING, CONDUIT, ETC. TO REMAIN IS SUPPORTED FROM EQUIPMENT AND/OR PIPING BEING REMOVED,
  EXTEND EXISTING HANGERS OR PROVIDE NEW HANGERS AND SUPPORTS AS REQUIRED TO RE—SUPPORT ITEMS FROM
- EXTEND EXISTING HANGERS OR PROVIDE NEW HANGERS AND SUPPORTS AS REQUIRED TO RE-SUPPORT ITEMS FROM BUILDING STRUCTURES.

  11. EXISTING EQUIPMENT AND MATERIAL SHALL REMAIN UNLESS NOTED OTHERWISE.
- 12. PROVIDE FIRE STOPPING FOR ALL PENETRATIONS OF FIRE AND SMOKE BARRIERS. ALL PENETRATIONS THROUGH THE PARTITIONS, FLOORS OR BUILDING ENVELOPE SHALL BE SEALED.
- 13. INSTALL AUTOMATIC SPRINKLER SYSTEM TO SATISFY DESIGN CRITERIA, NFPA13 AND NFPA 14, LATEST EDITION REQUIREMENTS, JOB CONDITIONS AND THE AUTHORITY HAVING JURISDICTION.
- 14. THE ARCHITECTURAL AND SPRINKLER DRAWINGS ARE INTENDED TO BE COMPLIMENTARY. INSTALL SPRINKLER HEADS IN CENTER OF LAY IN CEILING TILES OR IN CENTER OF 24x24 AREA OF CEILING TILE WHERE CEILING DIFFUSERS OR OTHER ELEMENTS OCCUR ADJACENT TO SPRINKLER HEAD. LOCATE SPRINKLER HEADS IN GYPSUM BOARD OR SIMILAR CEILINGS IN LINE WITH ELEMENTS (CEILING DIFFUSERS, SPEAKERS, ETC.) AND IN A SYMMETRICAL PATTERN. THE REFLECTED CEILING PLANS FOR ANY AND ALL AREAS PREPARED BY THE ARCHITECT SHOWING THE LOCATION OF SPRINKLER HEADS SHALL TAKE PRECEDENCE OVER THE LOCATIONS SHOWN ON THE SPRINKLER DRAWINGS. THE ARCHITECTURAL DRAWINGS SHALL GOVERN, BUT NOT TO THE EXTENT OF PERMITTING ANY OMISSIONS OF FIXTURES OR EQUIPMENT SHOWN
- ON THE SPRINKLER DRAWINGS. DEVIATION FROM THIS LAYOUT MUST BE COORDINATED WITH MECHANICAL AND ELECTRICAL CONTRACTORS.

  15. PRIOR TO SUBMITTING SHOP DRAWINGS, CHECK AND VERIFY INSTALLATION REQUIREMENTS WITH THE ROOM FINISH SCHEDULES OR EXISTING ROOM FINISHES.
- 16. BEFORE ANY PIPING IS INSTALLED, CONFER WITH ALL OTHER CONTRACTORS IN ORDER TO ESTABLISH THE LOCATIONS OF THEIR PIPING, CONDUIT, DUCTWORK, GRILLES, FOUNDATIONS, STRUCTURAL STEEL, LIGHTING FIXTURES AND OTHER EQUIPMENT SO AS TO AVOID INTERFERENCE. FAILURE TO COORDINATE SHALL NOT
- RESULT IN ANY ADDITIONAL EXPENSE TO THE OWNER. 17. SPACING OF SPRINKLERS IS COORDINATED WITH UNITS AND DIFFUSERS BY MECHANICAL CONTRACTOR AND WITH LIGHTING AND SPEAKERS BY ELECTRICAL CONTRACTOR. DEVIATION FROM THIS LAYOUT MUST BE COORDINATED
- WITH MECHANICAL AND ELECTRICAL CONTRACTORS.

  18. WHEN SPRINKLER SYSTEM IS SHUT DOWN, NOTIFY THE OWNER 24 HOURS BEFORE THE SHUT DOWN HAPPENS AND FOLLOW
- 18. WHEN SPRINKLER SYSTEM IS SHUT DOWN, NOTIFY THE OWNER 24 HOURS BEFORE THE SHUT DOWN HAPPENS AND FOLLOW
  THE LOCAL AUTHORITIES AND OWNER'S PROTOCOL FOR A DISABLED SPRINKLER SYSTEM.

  19. REMOVE ALL ABANDONED SPRINKLER EQUIPMENT, PIPING, TERMINALS, CONTROLS, HANGERS, PADS, AND SUPPORTS,
  APPERTANCES LINESS INDICATED TO REMAIN DISCONNECT SPRINKLER PIPING CONTROLS AND OTHER SERVICES FROM
- 19. REMOVE ALL ABANDONED SPRINKLER EQUIPMENT, PIPING, TERMINALS, CONTROLS, HANGERS, PADS, AND SUPPORTS, APPERTANCES. UNLESS INDICATED TO REMAIN. DISCONNECT SPRINKLER PIPING, CONTROLS, AND OTHER SERVICES FROM EQUIPMENT TO BE REMOVED BY OTHERS. CAP PIPING AT ACTIVE MAINS WHICH ARE TO REMAIN. PATCH ALL EXISTING WALLS OR FLOORS WHERE PIPE, EQUIPMENT, ETC. PENETRATIONS HAVE BEEN REMOVED TO MATCH EXISTING, UNLESS SPECIFICALLY NOTED TO BE PATCHED BY OTHERS. CAP CONCEALED PIPING BEYOND FINISHED SURFACE TO ALLOW FOR NEW FINISH.



DEMOLITION NOTE

CONSTRUCTION NOTE

CONNECT TO EXISTING